Integrated Security Devices

G83-14401 Biometric Keyboard with Smart Card Reader

Biometric Keyboard with Integrated UPEK Fingerprint Sensor and CardMan 3121-Compatible Smart Card Reader

Main Applications

Rack Mount Systems
Airlines
Education/Schools
Banking
Medical Equipment
Automotive Equipment
POS/POT
Office/Data Entry
White Box PCs
Field Services
Test Equipment
Kiosk Applications
POS/POT
Manufacturing
Transport

Key Features

- USB keyboard with fingerprint sensor and PC/SC smart card reader
- Capacitive fingerprint sensor TCS1CD from UPEK (ST-Micro) with TouchChip® technology 256x360 pixel
- Smart card reader CardMan 3121-compatible

Main Part Numbers

G83-14401LPAUS-2
Black housing, smart card reader, Protektor suite, OEM software

G83-14401LPAUS-0
Lt. grey housing, smart card reader, Protektor suite, OEM software

Integrated Security Devices

G83-14401 Biometric Keyboard with Smart Card Reader

Part Number Legend

Technical Data

Interface
USB, bus powered device

Current Input
max. 150 mA

Smart Card Interface
Reads and writes all ISO 7816 cards
supports T=0, T=1, 1^2C
(S=8), 2 wire (S=10), 3 wire (S=9)

Card Connecting Unit
approx. 100,000 insertions

Smart Card Speed
412, 903 bps

Insertion Cycles
approx. 100,000

Smart Card Clock
4.8 MHz

Clock Frequency Smart Card
4.8 MHz

Biometric Sensor
High resolution wide area touch sensor
TCS1CD from UPEK (ST-Micro) with
TouchChip® technology
256x360 pixel (508 dpi)

Keyswitch Lifetime
>20 million operations

Cable Length
Approx. 1.75 m

Key Layout
Full Size 105 position US key layout
including Windows keys

Weight (without/with packaging)
2.62/3.30 lbs

Dimension
17.9 x 7.7 x 2.1 (keyboard)
19.4 x 10.0 x 2.3 (packaging)

Packaging Units
40 leyboards per master carton
2 master cartons per pallet

Storage Temperature
-20°C to 60°C

Operating Temperature
0°C to 50°C

Agency Approvals
FCC, GS, CE, c-tick, GHOST-R, VCCI
Microsoft WHQL Windows™ 2000, XP

Delivery Volume
Keyboard, Printed manual, CD with
smart card reader drivers and
Protektor Suite OEM

Warranty
2 years

For information on repairs or
warranty status contact:
Cherry Technical Support
Phone: 800.510.1689
E-Mail: keyboardsupport@cherrycorp.com

Contact

Call, fax or visit our
website for more information.

Last Update: 1/01/07

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liability for errors or non-availability,
and reserves the right to change
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Technical data relates to product
specifications only. Features may
differ from those described.
Only drawings combined with
product specifications shall be
deemed binding.

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